



USAID
FROM THE AMERICAN PEOPLE

AFGHANISTAN

Office of Afghanistan & Pakistan Affairs (OAPA)

INITIAL ENVIRONMENTAL EXAMINATION

PROGRAM/ACTIVITY DATA

Country Code and AO: 306-Agriculture
Assistance Objective Name: A Sustainable, Thriving Agriculture Economy
Program Objective: Build the capacity of extension agents to transfer useful information and technology to farmers.
Country or Region: Afghanistan
Activity Name: Afghanistan Agriculture Extension Program (AAEP II)
Funding Begin: 10/1/2014
Funding End: 9/30/2017
LOP Amount: \$20,229,770.70 (Mod 4)
IEE Prepared by: Sayed Mohammad Naim Khalid
Date: 5/8/2016
IEE Amendment: No, but was previously covered under AGRED IEE:
 Original IEE: OAPA-12-NOV-AFG-0007, 11/20/2011;
 Amendment1: OAPA-MAY-AFG-0038

ENVIRONMENTAL ACTION RECOMMENDED: (Place X where applicable)

Categorical Exclusion	<input checked="" type="checkbox"/>	Deferral	<input type="checkbox"/>
Positive Determination	<input type="checkbox"/>	Negative Determination	<input type="checkbox"/>
Negative Determination With Conditions	<input checked="" type="checkbox"/>	Exemption	<input type="checkbox"/>

1.0 PURPOSE, BACKGROUND AND ACTIVITY DESCRIPTION

1.1 Purpose

The purpose of this IEE, in accordance with 22 CFR 216, is to provide a separate IEE for Afghanistan Agriculture Extension Program (AAEP II) which was previously covered under the AGRED PAD IEE.

1.2 Background

Improvements in the agricultural sector will have significant, positive impacts on problems ranging from poverty and unemployment to food insecurity and environmental degradation.

AAEP-II is fully aligned with the Afghan Government National Priority Program (NPP) Number One, Improved Agricultural Production and Farm Economics. It is also aligned with the objectives of Afghanistan's National Agricultural Development Framework, specifically

agricultural production and productivity and natural-resource management. The program will support the U.S. Government agricultural strategy for Afghanistan by contributing to building a sustainable, thriving agricultural economy through improved agricultural research and extension.

The goal of AAEP-II is to help build the capacity of Afghanistan's Ministry of Agriculture, Irrigation, and Livestock (MAIL) to deliver effective extension services to rural clientele.

This includes strengthening the linkages between MAIL and DAILs. AAEP-II will use the current 4 core AAEP-I provinces (Balkh, Herat, Kabul, and Nangarhar) as the main training centers, and, security permitting, will add Kunduz as a fifth core province. The Provincial Model Teaching Farms (PMTF)/Research-Extension Farms will serve as the main training and demonstration sites for each group of provinces. Security permitting, AAEP-II will focus on 5 core provinces with support to DAILS in an additional 20 provinces.

1.3 Activity Description

As in AAEP-I, the scope of activities will include work on cereal crops (e.g. wheat, corn, oats, rice, and barley), industrial crops (e.g. saffron, cotton, soybeans), vegetables, fruit, and livestock.

Objective 1: Build the capacity of extension agents to transfer useful information and technology to farmers.

Illustrative activities:

1. Conduct assessment and priority workshops to generate and assess farmer demand for extension services.
 - Each DAIL will hold a meeting with 30 or more farmers to learn what issues farmers are facing and what they consider their most important challenges to overcome.
 - This will be followed by AAEP-II meeting with each DAIL for 1-2 days to list and rank problems the farmers are facing.
 - Extension workers will then create a master list developed from individual extension workers or groups of extension workers. Groups will be clustered by similar districts within a province or by workgroups.
 - After all the issues have been identified and listed, the group then will prioritize them by voting. Issues and problems not identified as the top 3-5 needs, do not become unimportant, but become a lower priority in general. In some instances these could still be a high priority for a specific district. The top issues that are identified will be used to guide the annual DAIL work plan and the work plans of the AAEP-II Working Groups.
2. On-farm field trials of wheat varieties evaluated by researchers, extension, and farmers.
3. Development and support of an on-line resource (e.g. e-Afghan AG) that provides credible, relevant information to those helping farmers in Afghanistan – with information shared by AAEP-I, MAIL, local university faculty, vocational schools, and the private sector. The online resource will have an "Ask the expert" feature.
4. Train extension agents to set-up and facilitate farmer field schools, field visits, model training farms, farmer-outreach using mobile technology and other ICT, train-the-trainer activities, farmer-to-farmer training.

5. Sending extension agents to training, study tours, and degree programs.

Objective 2: Improve rural household food security and income generation.

Illustrative Activities:

1. Professional training in postharvest technology for grain and fresh market horticultural produce.
2. Train farmers in conservation agriculture for wheat and other cereals
3. Train farmers in peri-urban protected horticulture
4. Train farmers in practical management of ruminants and poultry.

Objective 3: Improve nutritional status of farm households.

Illustrative Activities:

1. Introduce farmers to raised-bed cultivation method for vegetable crop production.
2. Train extension workers, workgroup members and farmers from targeted districts to establish vegetable garden demonstration plots in several districts.
3. Train farmers to increase production of vegetables and livestock.
4. Teach farm families, men and women, the importance of a balanced and diverse diet.

Objective 4: Improve services for women working in the agricultural sector.

Illustrative Activities:

1. Train DAIL extension staff on the role of women in livestock health and production. Have DAIL staff conduct women's training on livestock health and production.
2. Train extension workers and women's agricultural working groups in agricultural production, postharvest processing and marketing.
3. Through participatory planning meetings, Women In Agriculture (WIA) working groups develop demonstration plots for home gardens with assistance and guidance from WIA farm manager, laborers and student interns.
4. Apiculture project for women and men introduced with demonstrations and extension efforts directed at feeding and care of bees. Train DAIL extension staff on the role of women in livestock health and production. Have DAIL staff conduct women's training on livestock health and production.

2.0 RECOMMENDED THRESHOLD DECISIONS

The table below lists activities covered under AGRED (by Mechanism), their impact on the environment and the recommended Threshold Determination and Reg. 216 action required, if any.

Table 1. Proposed implementing mechanisms, activities, impact on the environment, Threshold Determination and Reg. 216 action required, if any.

Objectives	Activity	Effect on Natural or Physical	Threshold Determination and Reg. 216 actions required
------------	----------	-------------------------------	---

		Environ ment	
Objective 2: Improve rural household food security and income generation.	<ol style="list-style-type: none"> 1. Conduct assessment and priority workshops to generate and assess farmer demand for extension services. 2. On-farm field trials of wheat varieties evaluated by researchers, extension, and farmers. 3. Development and support of an on-line resource 4. Train extension agents to set-up and facilitate farmer field schools, field visits, model training farms, farmer-outreach using mobile technology and other ICT, train-the trainer activities, farmer-to-farmer training. 5. Sending extension agents to training, study tours, and degree programs. 	No impact	Categorical Exclusions, no action required per 22 CFR 216.2(c)(2)(i),(iii) and (v)
Objective 2: Improve rural household food security and income generation.	<ol style="list-style-type: none"> 1. Professional training in postharvest technology for grain and fresh market horticultural produce. 2. Train farmers in conservation agriculture for wheat and other cereals 3. Train farmers in peri-urban protected horticulture 4. Train farmers in practical management of ruminants and poultry. 	Limited impact if conditions followed	Negative Determination with Conditions: <u>Conditions:</u> <ul style="list-style-type: none"> • The Implementers are required to ensure that equipment, commodities (also see ADS 312), and materials are procured from certified retailers; environmental safety and quality certificates conforming with national and/or international standards are available; equipment and materials are used in an environmentally sound and safe manner, properly disposed of when applicable at the end of their useful life in a manner consistent with Afghanistan laws, best management practices according to USG, European Union or equivalent standards. • The implementer shall adhere to pesticides and safety considerations as stipulated in the USAID Afghanistan 2013 Program PERSUAP, approved 9/4/2013. • For sub-activities under Grants a review is required through an Environmental Review Form and Review Report (ERF/ERR) (see Annex 1) to identify environmental background and potential effects; this will include an Environmental Mitigation and Monitoring Plans. • If required, the IEE shall be

			<p>amended to recommend a positive determination. Such a positive threshold decision will trigger commencement of the EA Process and an Environmental Assessment (EA) shall be conducted by the Implementer prior to start of activities. The SOW/Terms of Reference (TOR) for the Scoping Statement and EA Report must be reviewed by the MEO and approved by the BEO/OAPA. For references please see Section "Implementer procedures"</p> <ul style="list-style-type: none"> • The implementer is required to review the adequacy of the environmental capabilities of the contractors to be involved. Implementer will ensure that appropriate environmental standards and best industry practices for monitoring and mitigation plans are followed by the contractors. • The implementer will ensure that equipment is used in an environmentally sound and safe manner and properly disposed of at the end of its useful life in a manner consistent with best • Implementer shall incorporate acceptable construction procedures based on international standards and in accordance with any applicable Afghan laws and regulations. • Implementer will ensure that for all activities that have adverse impact on the environment, appropriate environmental mitigation measures are implemented along with the work. Environmental and social considerations will be integrated into design and planning of all such activities. See USAID Sector Environmental Guidelines. See Also Section 6.0 below regarding hazardous materials (e.g. lead and asbestos) restrictions. • For refurbishment sub-activities, an Environmental Review Form (ERF) and if warranted an Environmental
--	--	--	---

			Review Report (ERR) and an Environmental Mitigation and Monitoring Report (EMMP) shall be submitted to the MEO for approval before a funding decision is made (Annex 1).
Objective 3: Improve nutritional status of farm households.	<ol style="list-style-type: none"> 1. Introduce farmers to raised-bed cultivation method for vegetable crop production. 2. Train extension workers, workgroup members and farmers from targeted districts to establish vegetable garden demonstration plots in several districts. 3. Train farmers to increase production of vegetables and livestock. 4. Teach farm families, men and women, the importance of a balanced and diverse diet. 	No impact	Categorical Exclusions, no action required per 22 CFR 216.2(c)(2)(i),(iii) and (v)
Objective 4: Improve services for women working in the agricultural sector.	<ol style="list-style-type: none"> 1. Train DAIL extension staff on the role of women in livestock health and production. 2. Train extension workers and women's agricultural working groups in agricultural production, postharvest processing and marketing. 3. participatory planning 4. efforts directed at feeding and care of bees. 	No impact	Categorical Exclusions, no action required per 22 FR 216.2(c)(2)(i),(iii) and (v)

3.0 CLIMATE CHANGE RISK SCENING –

Afghanistan is extremely vulnerable to the impacts from global climate change. Temperatures have been rising and are expected to rise even more and there is an increase in the frequency of extreme weather events such as droughts and rainstorms which may affect water availability and affect crop and livestock production. To minimize the negative impacts of climate change, USAID is required by Executive Order 13677 to incorporate climate change risk screening for all new projects as of October 1, 2016. AAEP II is an existing project but because it will have its own IEE which was covered under the AGREED IEE previously, a climate change risk screening analysis will be beneficial as it may help the project to adjust its activities to better adapt to climate change and maximize results.

Annex IV is a partially completed risk screening that the implementer is expected to complete before December 31, 2016, with a supporting narrative on how climate change will be streamlined across project activities.

4.0 ENVIRONMENTAL RECOMMENDATIONS

Recommended Action: *Categorical Exclusion* (Approximately 95 % of funding)

AAEP II activities for training, scholarships, workshops, leadership development, career guidance, networking, mentorship, monitoring, performance and impact evaluations, outreach, research workshops and other similar types that do not have an effect on the natural and physical environment fit within the categories listed in 22 CFR 216.2 (c)(2) and are categorically excluded from any further environmental review requirements. The originator of the proposed action has determined that the proposed activities are within the following classes of actions:

- Education, technical assistance, or training programs, except to the extent such programs include activities directly affecting the environment (such as construction of facilities, etc.). [22 CFR 216.2(c)(2)(i)];
- Analyses, studies, academic or research workshops and meetings. [22 CFR 216.2(c)(2)(iii)];
- Document and information transfers. [22 CFR 216.2(c)(2)(v)]; and
- Studies, projects or programs intended to develop the capability of recipient countries to engage in development planning, except to the extent designed to result in activities directly affecting the environment (such as construction of facilities, etc.). [22 CFR 216.2(c)(2)(xiv)].

Recommended Action: *Negative Determination with Conditions* (Approximately 5 % of funding).

Activities which impact on the environment can be mitigated by following certain measures include the procurement of computers and other electric and electronic equipment, laboratory commodities, and materials (under all components). The Implementer should provide evidence that the equipment and materials are procured from certified retailers; environmental safety and quality certificates conforming with national and/or international standards are available; equipment and materials are used in an environmentally sound and safe manner, properly disposed of when applicable at the end of their useful life in a manner consistent with best management practices according to USG, European Union or equivalent standards.

For pesticide procurement or training, the list of allowable active ingredients and safety measures and training specified in the [USAID Afghanistan 2013 Program PERSUAP](#) of September 2013 must be followed. For research purposes on small research plots, the MEO and REO may consider pesticides that are not yet listed and a request should be filed by the IP with the AOR and will be reviewed by the MEO. Otherwise, for any pesticides not listed, an Amendment to the P-PERSUAP will need to be submitted by the IP to the MEO through the AOR. Final approval will be given by the BEO/OAPA.

For small-scale refurbishments of offices and research facilities, the Implementing Partner shall refer to appropriate environmental standards such as USAID GEMS sectoral standards (see <http://www.usaidgems.org/sectorGuidelines.htm>) and/or other international standard and best practices as appropriate. See Section 6.0 below for restriction on hazardous materials such as asbestos and lead. For any other activities under possible Grants components under any of the implementing mechanisms, an Environmental Review Form and Review Report (ERF/ERR) (see Annex 1) is required to identify environmental background and potential effects; this will include an Environmental Mitigation and Monitoring Plans.

If the ERF/ERR uncovers a Positive Determination and the AOR wishes to go ahead with the activity, the IEE shall be amended to recommend a positive determination. Such a positive threshold decision will trigger commencement of the EA Process and an Environmental Assessment (EA) shall be conducted by the Implementer prior to start of activities. The SOW/Terms of Reference (TOR) for the Scoping Statement, Scoping Statement and EA Report with an Environmental Mitigation and Monitoring Plan must be reviewed by the COR, MEO and approved by the BEO/OAPA. For references please see Section "Implementer procedures".

5.0 Limitations of the IEE

This assistance does not cover activities involving:

1. Procurement or use of genetically modified organisms (GMOs) which will require preparation of a bio-safety assessment (review), in accordance with ADS 201.3.11 in an amendment to the IEE approved by the Agency Biosafety Adviser and by the BEO/OAPA.
2. Procurement or use of Asbestos, Lead and Mercury Containing Materials (ALCM) (e.g., piping, roofing), Polychlorinated Biphenyl's (PCB) or other hazardous materials prohibited by US EPA as provided at: <http://www.epa.gov/asbestos> and/or under international environmental agreements and conventions, e.g. Stockholm Convention on Persistent Organic Pollutants as provided at: <http://chm.pops.int>.
3. Procurement, use or recommendation for use of (These should be spelled out)AN and CAN fertilizers.
4. Procurement and use of non-native, potentially invasive species.


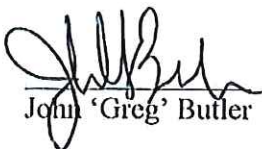



Any of these actions would require an amendment to the IEE duly approved by the BEO/OAPA.

6.0 REVISIONS

Pursuant to 22 CFR 216.3(a)(9), if new information becomes available which indicates that activities to be funded by the project might be "major" and the project's effect "significant," or if additional activities are proposed that might be considered "major" and their effects significant, this IEE will be reviewed and revised by the originator of the project and submitted to the BEO/OAPA for approval and, if appropriate, an environmental assessment will be prepared. It is the responsibility of the USAID COR/AOR to keep the Mission Environmental Officer, USAID/Afghanistan and the BEO/OAPA informed of any new information or changes in scope and nature of the activity that might require revision of the IEE.

Clearance page:

Afghan Agricultural Extension Program (AAEP II)

	CLEARANCES:	Date
Agreement Officer's Representative	<u>Cleared by email</u> Naim Khalid	<u>8/11/2016</u>
OAG/ Office Director	 Gary Robbins	<u>15 Aug 16</u>
Mission Environmental Officer	<u>Cleared by email</u> Harry Bottenberg	<u>8/10/2016</u>
Regional Environmental Advisor for, Asia and OAPA	<u>Cleared by email</u> Andrei Barannik	<u>8/10/2016</u>
Resident Legal Officer	 John 'Greg' Butler	<u>8/11/16</u>
Deputy Mission Director	 Tamra Halmrast-Sanchez	<u>8/18/2016</u>
Acting Mission Director	 Tamra Halmrast-Sanchez JCARDENAS	<u>8-20-16</u>
APPROVAL:		
Acting Bureau Environmental Officer for Afghanistan and BEO for ME	 John Wilson	<u>8/22/16</u>

DISTRIBUTION: MEO, COR/AOR, OAA, RLO

ANNEX I

Environmental Review Form for subprojects/subgrants

A. Applicant information

Organization	Parent grant or project
Individual contact and title	Address, phone & email (if available)
Proposed subproject /subgrant (brief description)	Amount of funding requested
	Period of performance
	Location(s) of proposed activities

B. Activities, screening results, and findings

Proposed activities (Provide DESCRIPTIVE listing. Continue on additional page if necessary)	Screening result (Step 3 of instructions)			Findings (Step 6 of instructions. Complete for all moderate/unknown and high-risk activities ONLY)		
	Very Low Risk	High-Risk*	Moderate or unknown risk*	significant adverse impacts are very unlikely	With specified mitigation, significant adverse impacts are very unlikely	Significant Adverse impacts are possible
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						

*These screening results require completion of an Environmental Review Report

C. Certification:

I, the undersigned, certify that:

1. The information on this form and accompanying environmental review report (if any) is correct and complete.
2. Implementation of these activities will not go forward until specific approval is received from the C/AOR.
3. All mitigation and monitoring measures specified in the Environmental Review Report will be implemented in their entirety, and that staff charged with this implementation will have the authority, capacity and knowledge for successful implementation.

(Signature) _____ (Date) _____

(Print name) _____ (Title) _____

Note: if screening results for *any activity* is "high risk" or "moderate or unknown risk," this form is not complete unless accompanied by an environmental review report.

BELOW THIS LINE FOR USAID USE ONLY

Notes:

1. For clearance to be granted, the activity **MUST** be within the scope of the activities for which use of the ERF is authorized in the governing IEE. **Review IEE before signature.** If activities are outside this scope, deny clearance and provide explanation in comments section. The Partner, C/AOTR, MEO and REA must then confer regarding next steps: activity re-designs, an IEE or EA.

2. Clearing an ERF containing one or more findings that significant adverse impacts are possible indicates agreement with the analysis and findings. It does NOT authorize activities for which "significant adverse impacts are possible" to go forward. It DOES authorize other activities to go forward. The Partner, C/AOTR, MEO and REA must then confer regarding next steps: activity re-designs, an IEE or EA.

Clearance record

C/AOTR	(print name)	(signature)	(date)
<input type="checkbox"/> Clearance given			
<input type="checkbox"/> Clearance denied			
USAID/Afghanistan MEO	(print name)	(signature)	(date)
<input type="checkbox"/> Clearance given			
<input type="checkbox"/> Clearance denied			
Regional Env. Advisor (REA)	(print name)	(signature)	(date)
<input type="checkbox"/> Clearance given			
<input type="checkbox"/> Clearance denied			
Bureau Env. Officer (BEO)*	(print name)	(signature)	(date)
<input type="checkbox"/> Clearance given			
<input type="checkbox"/> Clearance denied			

C/AOTR, MEO and REA clearance is required. BEO clearance is required for all "high risk" screening results and for findings of "significant adverse impacts possible. The BEO may review "

Note: if clearance is denied, comments must be provided to applicant
(use space below & attach sheets if necessary)

Environmental Review Report

- A. Summary of Proposal.** *Very briefly summarize background, rationale and outputs/results expected. (Reference proposal, if appropriate).*
- B. Description of Activities.** *For all moderate and high-risk activities listed in Section B of the ERF, succinctly describe location, siting, surroundings (include a map, even a sketch map). Provide both quantitative and qualitative information about actions needed during all project phases and who will undertake them. (All of this information can be provided in a table). If various alternatives have been considered and rejected because the proposed activity is considered more environmentally sound, explain these.*

- C. Site-specific Environmental Situation & Host Country Requirements.** *Describe the environmental characteristics of the site(s) where the proposed activities will take place. Focus on site characteristics of concern—e.g., water supplies, animal habitat, steep slopes, etc. With regard to these critical characteristics, is the environmental situation at the site degrading, improving, or stable?*

Also note applicable host country environmental regulations and/or policies. (For example, does the project require host country environmental review or permitting? Building approval? Etc.)

NOTE: provide site-specific information in this section, NOT country-level information. General information about country level conditions should already be contained in the IEE governing the XXX project/program.

- D. Environmental Issues, Mitigation Actions, and Findings.** *Using the table provided, identify all potential impacts for each activity. These must include all phases (planning & design, construction and handover, operation, and decommissioning). Explain direct, indirect, induced and cumulative effects on various components of the environment (e.g., air, water, geology, soils, vegetation, wildlife, aquatic resources, historic, archaeological or other cultural resources, people and their communities, land use, traffic, waste disposal, water supply, energy, etc.) Indicate also positive impacts and how the natural resources base will be sustainably improved. Identify actionable mitigation actions to avoid, reduce or compensate for negative impacts, such as restoration of borrow or quarry areas, replanting of vegetation, compensation for any relocation of homes and residents. Mitigation actions should be assigned to the responsible party, for example the construction contractor, the implementing partner, the beneficiaries.*

Project Phase and Activity	Potential Environmental Impact	Mitigation Action
Planning and Design		
Construction and Handover		

Operation		
Decommissioning		

- E. Environmental Mitigation and Monitoring Plan (EMMP).** *Set out how compliance with mitigation actions will be monitored/verified. This includes specifying WHO will be responsible for the various mitigation actions, and HOW implementation of the mitigation actions will be tracked/verified.*

Also specify how you will report to USAID on the implementation of mitigation actions. (You are REQUIRED to provide your C/AOTR with sufficient information on the status of mitigation implementation for USAID to effectively fulfill its oversight and performance monitoring role.)

Again, choose a format and structure that presents the necessary information clearly and succinctly. EMMPs are typically in table format, and often include a compliance log or "monitoring record" section that records implementation status of the various mitigation actions. The EMMP with current monitoring log can then simply be submitted to the C/AOTR with the quarterly or 6-month project report, satisfying the environmental compliance reporting requirement. .

The most basic EMMP format is

Mitigation action	Responsible Party	Monitoring/Verification Method	Monitoring Record (date, result, corrective actions taken, if any)

For additional EMMP formats and examples, see the ENCAP EMMP factsheet, available via www.encapafrica.org/meoEntry.htm

- F. Other Information.** *Where possible and as appropriate, include photos of the site and surroundings; maps; and list the names of any reference materials or individuals consulted.*

(Pictures and maps of the site can substantially reduce the written description required in parts B & C)

ANNEX III

Project Name

Environmental Mitigation and Monitoring Plan (EMMP)

The EMMP must be completed by each organization carrying out activities under the USAID/Afghanistan AGRED Program. It will include the organization's own report plus the EMMPs of any sub-awardees, to capture the entire range of activities funded by the USAID/Afghanistan AGRED Program under the award. The USAID/Afghanistan AGRED Program, implementing partners are responsible for ensuring that each sub-awardee completes and submits the EMMP to the prime in a timely fashion. The EMMPs are reviewed and approved by the COTR/AOTR and the Mission Environmental Officer.

The EMMP consists of 3 parts:

1. The Environmental Verification Form
2. The Mitigation Plan for specific environmental threats carried out by the implementer
3. The Reporting Form

The EMMP Environmental Verification Form

This form indicates the categories of activities carried out by implementing partners (or their sub-awardees) and serves to 'trigger' USAID expectations of mitigation measures.

The EMMP Mitigation Plan

Implementing partners will use the Mitigation Plan to describe the specific actions they will undertake under each category of activity when screening reveals potential environmental threats as outlined in Section 3 of this IEE. In these cases, mitigation will be undertaken as described in Section 5, Table 4 of this IEE. The Mitigation Plan also identifies the person responsible for monitoring compliance with mitigation and the indicator, method and frequency of monitoring.

The EMMP Reporting Form

This form reports on the results of applying the mitigation measures described in the Mitigation Plan and identifies outstanding issues with respect to required conditions. In some cases, digital photos will be the best way to document mitigation and should be included in the report.

1. EMMP Part 1 of 3: Environmental Verification Form

Name _____ Funding Period for this award: _____

Name of Prime Implementing Organization: _____ Current FY Resource Levels: FY _____

Name of Sub-awardee Organization (if this EMMP is for a sub): _____ This report prepared by: _____

Geographic location of USAID-funded activities (Province, District): _____ Name: _____ Date: _____

Date of Screening: _____ Date of Previous EMMP for this organization: _____ (if any)

Indicate which activities your organization is implementing under this funding:

Key Elements of Program/Activities Implemented		Yes	No
1	<ul style="list-style-type: none"> • education, technical assistance or training programs • analyses, studies, academic or research workshops and meetings; • document and information transfers; • Studies, projects or programs intended to develop the capability of recipient countries to engage in development planning, except to the extent designed to result in activities directly affecting the environment (such as construction of facilities, etc.); 		
2	Development and dissemination of improved agricultural production technologies for selected crops and livestock		
3	Increased agricultural production		
4	Seeds, Germplasm, Exotic Species		
5	Dissemination of biotechnology products		
6	Small-scale construction or rehabilitation of buildings and water & sanitation infrastructure		
7	Sub-Grants		

USAID/Afghanistan ----Project Name----

2. EMMP Part 2 of 3: Environmental Mitigation and Monitoring Plan

[illegible]

USAID/Afghanistan, ---Project Name---

3. EMMP part 3 of 3: Reporting form

List each Mitigation Measure from column 3 in the EMMP Mitigation Plan (EMMP Part 2 of 3)	Status of Mitigative Measures	List any outstanding issues relating to required conditions	Remarks

4. Certification

I certify the completeness and the accuracy of the mitigation and monitoring plan described above for which I am responsible and its compliance with the IEE:

Signature

Date

Print Name

Organization

BELOW THIS LINE FOR USAID USE ONLY

USAID/Afghanistan, _____ Program, Clearance of EMMP:

Agreements/Contracting Officer's Representative (A/COR): _____ Date: _____

Mission Environmental Officer: _____ Date: _____

As appropriate: REA, BEO [depending on nature of activity, which potentially may require an EA]

Note: if clearance is denied, comments must be provided to applicant

Annex IV

Afghanistan Agriculture Extension Project (AAEP II) (to be completed by IP).

Component	Defined/ Illustrative Interventions	Risks List all risks related to defined/ illustrative interventions that were identified in the screening and additional analysis (to be revised if necessary by IP)	Risk Rating High/ Moderate/ Low: to be completed by IP	How Risks are Addressed To be completed by IP: Describe how the risks have been addressed and/ or additional steps that will be taken to address the risk. If you have chosen to accept the risk, briefly explain why.
Objective 1: Build the capacity of extension agents to transfer useful information and technology to farmers.	<ul style="list-style-type: none"> Conduct assessment and priority workshops to generate and assess farmer demand for extension services. 	<ul style="list-style-type: none"> Damage of agricultural infrastructure due to flooding Increased soil erosion due to flooding Soil salinity Reduced yields Changes in the incidence of crop Pests and livestock diseases Decreased soil fertility Heat stress for livestock and field workers Etc Etc Etc 		
	<ul style="list-style-type: none"> On-farm field trials of wheat varieties evaluated by researchers, extension, and farmers. 			
	<ul style="list-style-type: none"> Development and support of an on-line resource 			
	<ul style="list-style-type: none"> Train extension agents to set-up and facilitate farmer field schools, field visits, model training farms, farmer-outreach using mobile technology and other ICT, train-the trainer activities, farmer-to-farmer training. 			
	<ul style="list-style-type: none"> Sending extension agents to training, study tours, and degree programs. 			
Objective 2: Improve rural household food security and income generation.	<ul style="list-style-type: none"> Professional training in postharvest technology for grain and fresh market horticultural produce. 			
	<ul style="list-style-type: none"> Train farmers in conservation agriculture for wheat and other cereals 			

	<ul style="list-style-type: none"> • Train farmers in peri-urban protected horticulture 			
	<ul style="list-style-type: none"> • Train farmers in practical management of ruminants and poultry. 			
	<ul style="list-style-type: none"> • Professional training in postharvest technology for grain and fresh market horticultural produce. 			
Objective 3: Improve nutritional status of farm households.	Introduce farmers to raised-bed cultivation method for vegetable crop production.			
	Train extension workers, workgroup members and farmers from targeted districts to establish vegetable garden demonstration plots in several districts.			
	Train farmers to increase production of vegetables and livestock.			
	Teach farm families, men and women, the importance of a balanced and diverse diet.			
Objective 4: Improve services for women working in the agricultural sector.	Train DAIL extension staff on the role of women in livestock health and production.			
	Train extension workers and women's agricultural working groups in agricultural production, postharvest processing and marketing.			
	participatory planning			
	efforts directed at feeding and care of bees.			



Mohammad Mustafa Sultani <msultani@usaid.gov>

Re: Updated IEE for AAEP-II

1 message

Andrei Barannik <abarannik@usaid.gov>
To: Harry Bottenberg <hbottenberg@usaid.gov>
Cc: Mohammad Mustafa Sultani <msultani@usaid.gov>

Wed, Aug 10, 2016 at 4:06 PM

I clear

On 10 August 2016 at 15:29, Harry Bottenberg <hbottenberg@usaid.gov> wrote:
I clear. Andrei, can you clear?

harry

On Wed, Aug 10, 2016 at 6:47 AM, Andrei Barannik <abarannik@usaid.gov> wrote:

My minor edits are in the attached

On 9 August 2016 at 14:52, Mohammad Mustafa Sultani <msultani@usaid.gov> wrote:
Hi Harry and Andrei,

Please find attached final IEE for AAEP II for your review and clearance.

Best Regards,
Mustafa

On Tue, Aug 9, 2016 at 2:44 PM, Naim Khalid (OAG/Kabul) <knaim@usaid.gov> wrote:
Dear Mustafa,

I updated the two figures 5% and 95% for Neg Det and Cat Ex respectively. Please find attached the updated IEE. If there is still some missing information or any other information needed please let us know.

Regards,
Naim

On Tue, Aug 9, 2016 at 2:11 PM, Mohammad Mustafa Sultani <msultani@usaid.gov> wrote:
Hi Naim,

Please see bellow Harry's comment on AAEP II IEE. After correction of that section please clear it, and then I will start the clearance process in the mission.

Best Regards,
Mustafa

----- Forwarded message -----

From: Harry Bottenberg <hbottenberg@usaid.gov>
Date: Sun, Aug 7, 2016 at 11:10 AM
Subject: Re: Updated IEE for AAEP-II
To: Adam Silagyi <asilagyi@usaid.gov>
Cc: Mohammad Mustafa Sultani <msultani@usaid.gov>, Sayed Mohammad Naim Khalid <knaim@usaid.gov>, Andrei Barannik <abarannik@usaid.gov>

Hi Adam, can you check the percentages on p. 7 (Section 4)? Both threshold decisions have the same amount (2.3%). I assume that one is 2.3 and the other is $100 - 2.3 = 97.7\%$.

harry

On Sat, Aug 6, 2016 at 4:49 PM, Adam Silagyi <asilagyi@usaid.gov> wrote:



Mohammad Mustafa Sultani <msultani@usaid.gov>

Re: Updated IEE for AAEP-II

1 message

Naim Khalid (OAG/Kabul) <knaim@usaid.gov>

Thu, Aug 11, 2016 at 1:25 PM

To: Mohammad Mustafa Sultani <msultani@usaid.gov>

Cc: Harry Bottenberg <hbottenberg@usaid.gov>, Andrei Barannik <abarannik@usaid.gov>, Adam Silagyi <asilagyi@usaid.gov>

Hi Mustafa,

Attached please find the cleared IEE for AAEP II. You may now forward it to relevant person.

regards,
Naim Khalid

On Thu, Aug 11, 2016 at 10:12 AM, Mohammad Mustafa Sultani <msultani@usaid.gov> wrote:

Hi Naim,

Please find attached final IEE for AAEP for your review and clearance. After your clearance I will send it to OAG office director.

Best Regards,
Mustafa

On Tue, Aug 9, 2016 at 2:44 PM, Naim Khalid (OAG/Kabul) <knaim@usaid.gov> wrote:

Dear Mustafa,

I updated the two figures 5% and 95% for Neg Det and Cat Ex respectively. Please find attached the updated IEE. If there is still some missing information or any other information needed please let us know.

Regards,
Naim

On Tue, Aug 9, 2016 at 2:11 PM, Mohammad Mustafa Sultani <msultani@usaid.gov> wrote:

Hi Naim,

Please see below Harry's comment on AAEP II IEE. After correction of that section please clear it, and then I will start the clearance process in the mission.

Best Regards,
Mustafa

----- Forwarded message -----

From: Harry Bottenberg <hbottenberg@usaid.gov>

Date: Sun, Aug 7, 2016 at 11:10 AM

Subject: Re: Updated IEE for AAEP-II

To: Adam Silagyi <asilagyi@usaid.gov>

Cc: Mohammad Mustafa Sultani <msultani@usaid.gov>, Sayed Mohammad Naim Khalid <knaim@usaid.gov>, Andrei Barannik <abarannik@usaid.gov>

Hi Adam, can you check the percentages on p. 7 (Section 4)? Both threshold decisions have the same amount (2.3%). I assume that one is 2.3 and the other is 100-2.3=97.7%.

harry

On Sat, Aug 6, 2016 at 4:49 PM, Adam Silagyi <asilagyi@usaid.gov> wrote:

Hello Harry,

